

## CURRICULUM VITAE

# JULIUS DOMINGO BINCE VILLANUEVA

(Registered Civil Engineer)

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### EDUCATIONAL QUALIFICATION

- **Bachelor of Science in Civil Engineering**, 1989-1994  
Mapua University (formerly Mapua Institute of Technology)

### PROFILE SUMMARY

- Passed the Civil Engineering Board Licensure Examination given by the Professional Regulation Commission (PRC) with license number 0073431
- Approved by Saudi Aramco as Contractor QA/QC Civil Inspector and Sr. Civil Inspector (PID) under GIS contract
- 22 years (10 years combined in construction supervision, planning & engineering; 12 years in QA/QC inspection, documentation and management) of extensive work experience in Engineering, Procurement & Construction (EPC) of large-scale projects both local and abroad for the following;
  - a) Oil & gas plant, petrochemical & refinery, pipeline, desalination plants, hydropower plant
  - b) Infrastructures (roads & bridges, commercial & office buildings, flood control system)
  - c) Underground railways & stations
  - d) Major lines of water utilities
  - e) Earthworks (embankment, soil improvement, underground excavation, slope protection)

### PROFESSIONAL WORK EXPERIENCE

#### June 2019 to February 2024

Civil Engineer

#### **Contractor (Freelance)**

**Project:** Various Houses and other Civil Works

**Client/Location:** Private Individuals, Philippines

#### **Duties&Responsibilities:**

- Design and construction in accordance with the client's preferences
- Securing all required permits from the local and national government agencies
- Planning, scheduling and direct supervision
- Purchasing of all materials in accordance with the approved plans & building specifications
- Preparation of estimated project cost, project expenses including payroll of the workers

#### January 2015 to May 2019

QC Inspector

#### **PORR Bau GmbH**

JV – Porr Bau GmbH, SBG & HBK (PSH)

**Project:** Qatar Railway Green Line Underground Project, Package 4

**Client/Location:** Qatar Rail, Qatar

#### **Duties & Responsibilities:**

- Assigned as QC In-charge in one of the seven stations to oversee the overall quality requirements by the client
- Carry out worksite and materials inspection related to civil & architectural as per established inspection & test plan (ITP), method statement, ensure that reference document for inspection are in accordance with approved drawings, materials, work procedures, etc.
- Perform routine site surveillance on a day to day construction activities both in-house and Subcontractors for the assigned structures such as the underground switchbox and stations, and precast elements
- Provide guidance and support to construction team and Subcontractors as needed to assure the effective implementation to the project quality goals
- Ensure that all items identified in ITP are carried out and recorded
- Coordinate and discuss with civil construction team and other discipline for any quality and technical concern issues to facilitate early solution
- Report to QC Engineer/Manager any violation related to any quality issue for possible issuance of site corrective action (SCAR) and non-compliance report (NCR) whenever is necessary
- Assists the QC Engineer for quality document review, maintain and update records and reports at all times
- Conduct quality training for the subcontractor QC inspectors & site supervisors prior to execution of each work scope
- Assist the QC Engineer for reviewing as-built drawings to ensure all approved design amendment sheet (DAS) are incorporated
- Check & verify work at site and supporting documents approval status in Aconex prior to acceptance and closure of all comments & issues related with IRE, MIR, SCAR, CSR, NCR
- Review civil & architectural access clearance certificate submitted by subcontractors prior to start MEP works
- Prepare and submit weekly quality report including test reports, quality verification file (QVF)
- Participate in internal quality audit
- Generate and close out into SnagR all civil & architectural items for the defects and incomplete works including QCDD items

**September 2013 to July 2014**

QA/QC Engineer – Civil  
(Client Representative)

**Saeed R Al-Zharani Corporation (SRACO)**

**Project :** Maintenance of Petrochemical Industries

**Client/Location:** Saudi Basic Industries Corporation (SABIC), Saudi Arabia

**Duties & Responsibilities:**

- Work under the department of SABIC Shared Services - Engineering & Project Management
- Site monitoring and implementation of in-house and subcontractors quality assurance and quality control system to ensure works are being followed in accordance with the project contract quality requirements, quality plans, work & test procedures, project specifications, and all applicable codes & standards
- Attend inspection invitation by Subcontractor's QC Inspector as per established inspection & test plan (ITP) related to civil, structural and architectural works
- Review documents submitted by the contractor which include quality plan, inspection & test plan, work and test procedures, method statements, materials request approval, test reports, proposed QC personnel, and other relevant quality documents
- Attend project kick-off meetings and site visits for the project development and participate in the review of front end engineering design (FEED) and detailed engineering package (DEP) related to technical quality requirements
- Participate in invitation to bid (ITB) review and technical bid evaluation (TBE) to ensure bidders fulfill the quality requirements
- Coordinate and discuss with the Project Management Team (PMT) for any violation to the contract quality requirement to initiate contractor for the proper corrective actions

- Issue non-conformance report if needed and ensure preventive and corrective action is being provided to avoid or minimized recurrence
- Attend weekly coordination meeting with the contractor quality team concerning quality issues
- Participate in external/internal quality audits
- Initiate and signing of punch lists covering all aspects of installation, inspection, and pre-commissioning stage adherence to project requirements
- Participate in the implementation of safety, health and environment system and provide safety presentation as instructed by the Project Department

**September 2011 to March 2013**

QA/QC Civil Inspector

**SK Engineering & Construction Co., Ltd.**

**Project:** Construction of Wasit Gas Plant

**Client/Location:** Saudi Aramco, Saudi Arabia

**Duties & Responsibilities:**

- Monitor and implement in-house and subcontractors quality assurance and quality control system to ensure works are being followed in accordance with the project contract quality requirements, quality plans, work & test procedures, project specifications, and all applicable codes & standards
- Conduct worksite and materials inspection as per established Saudi Aramco Test & Inspection Plan (SATIP) along with Saudi Aramco Inspection Checklist (SAIC) for civil & architectural works structures such as pipe rack & equipment foundation, plant buildings, pre-cast building panels, lift stations, evaporation ponds, concrete manholes, embankments, concrete pavements, asphalt roads, and other civil structures
- Monitor construction and quality activities for the soil improvement works in various methods such as Dynamic Compaction (DC), Dynamic Replacement (DR) & Stone Column
- Witness inspection of various geotechnical tests methods on soil improvement works such as PLT, SPT, CPT, PMT and ensure test reports are reviewed prior to submittal to the client
- Check and review quality documents submitted by the subcontractor including in-house which shall include but not limited to quality plan, inspection & test plan, work and test procedures, method statements, materials request for approval, test reports, and other relevant quality documents
- Evaluate the CV of proposed subcontractor's QA/QC site personnel and conduct preliminary interview prior to submittal with the client for approval
- Prepares and maintain RFI log, concrete & soil test log, NCR reports, and other relevant quality documents for records traceability
- Perform daily site surveillance during the construction stage to ensure quality work procedures and plans including materials are being followed and conform to work procedures and method statements
- Inform and discuss with the QC Supervisor/Manager for any violation to the contract quality requirement and to initiate the subcontractor for the proper corrective actions
- Provide guidance and support to the construction team and subcontractors QC personnel as needed to assure the effective implementation to the project quality goals
- Supervise and evaluate group of Subcontractor's QA/QC personnel for their performances to make sure they are proactive in their field discipline
- Attend weekly coordination meeting with the Client and Subcontractor and discuss concerns of quality issues
- Coordinate with engineering and construction department to any quality concern issues during the course of the project for early resolutions
- Initiate preventive action report (PAR), corrective action report (CAR) and non-conformance report (NCR) if needed
- Prepare daily & weekly reports on quality inspection activities including quality issues and concerns

**December 2008 to May 2011**

Sr.Civil Inspector  
(Client 3<sup>rd</sup> Party Inspector)

**Velosi Saudi Arabia Company, Ltd.**

**Project:** Construction of (1) King Abdulla University of Science & Technology, KAUST (2) North Park Office Complex

**Client/Location:** Saudi Aramco, Saudi Arabia

**Duties & Responsibilities:**

- Worked as TPI by Saudi Aramco Inspection Unit to monitor and implement the overall quality management system for Contractors in Civil, Structural and Architectural works
- Ensure the projects complied to the project contracts, work & test procedures, quality plans, project specifications, and all applicable codes & standards
- Attend joint inspection with Contractor's QA/QC Inspector as per established Saudi Aramco Test & Inspection Plan (SATIP) along with Saudi Aramco Inspection Checklist (SAIC)
- Review and approval of quality documents submitted by the Contractor which include quality plan, inspection & test plan, work and test procedures, method statements, materials request for approval, test reports, and other relevant quality documents
- Check and review contractor's 2weeks look-ahead schedule for the planning and forecast of inspection activities
- Coordinate and discuss with the Project Management Team (PMT) for any violation to the contract quality requirement to initiate the Contractor for the proper corrective actions
- Provide guidance and support to the Contractor QA/QC personnel and PMT as needed to assure the effective implementation to the project quality goals
- Perform focused assessment as directed by the immediate Quality Supervisor (QS) and report in a comprehensive and unbiased manner
- Issue pro-active notification and initiate non-conformance report (NCR) and equipment deficiency report (EDR) if needed
- Maintain an inspection and non-conformance log book entry during the construction phase to keep the PMT well informed of all relevant QA/QC activities and potential violation to the requirement of the Contractor
- Participate in external/internal quality audits
- Generate and signing of exemption items lists (EIL) covering all aspects of installation, inspection, and pre-commissioning stage adherence to quality requirements
- Participate in the implementation of safety, health and environment system
- Identify and report unsafe practices and coordinate to PMT and Contractor for corrective actions without further delay
- Prepare safety suggestions for a near miss, unsafe act, unsafe conditions whenever required

**Sept. 2007 to Sept. 2008**

QC Civil Inspector

**Fernas Construction Company**

**Project:** Construction of Consolidated Gas Supply within Mesaieed & Ras Laffan

**Client/Location:** Qatar Petroleum, Qatar

**Duties & Responsibilities:**

- Site monitoring and implementation of in-house and Subcontractors quality assurance and quality control and ensure works are being followed in accordance with the quality plans, work& test procedures, projects pecifications, and all applicable codes & standards
- Carry out worksite and materials inspection as per approved ITP for civil structures such as pipe rack & equipment foundation, pipe bedding, backfilling & covering pipeline including protection at road crossings, plant buildings, concrete manholes, embankments, concrete pavements, asphalt roads.
- Witness inspection of crushing of concrete specimen for compressive strength test

- Prepares and maintain RFI log, concrete & soil test log and other relevant quality documents for records traceability
- Coordinate with engineering and construction department to any quality concern issues during the course of the project for early resolutions
- Issue non-conformance report if needed and ensure preventive and corrective action is being provided to avoid or minimized recurrence

**December 2006 to May 2007**

Civil Supervisor

**Societe Internationale De Desalement (SIDEM)**

**Project:** Construction of Al Hidd Desalination Plant Phase III

**Client/Location:** Al Hidd Power Company, Bahrain

**Duties & Responsibilities:**

- Monitoring of Subcontractors day to day construction activities at site for various structures such as pipe rack and equipment foundation, laying of buried GRP pipe, control building, intake, chlorination tank foundations, concrete pavement, manholes, asphalt roads
- Carry out joint site inspection with the Subcontractors' QC Inspector as per established ITP and ensure compliance to the approved quality procedures, project specifications, and all applicable codes & standards
- Witness concrete test and soil compaction test
- Prepare weekly progress report including quality reports and issues (if any)
- Coordinate and discuss with engineering and other discipline for any quality and site issues in timely manner
- Provide assistance to the Subcontractors to expedite construction schedule and report the progress to Civil Manager in a weekly basis
- Liaise with other discipline concerning site construction and quality issues

**October 2002 to October 2006**

Civil Engineer/Safety Engineer

**Daewoo Engineering & Construction Co., Ltd.**

**Project:** Construction of Metro Manila Flood Control Project, Package 1

**Client/Location:** Department of Public Works and Highways, Philippines

**Duties & Responsibilities:**

- Assist the Project Manager for the overall project monitoring and implementation
- Prepares monthly progress report, progress billing, variation orders, escalation cost, contractual claims, contract time extensions, and recovery schedule (if any) and obtain approval from the Client & Consultant
- Monitor Subcontractors' work progress in accordance with their scope of work and subcontract agreement
- Evaluates Subcontractors' progress billing, variation orders, contractual claims, contract time extensions and obtain approval from the Project Manager for payment
- Oversee and administer the project contract provisions to ensure it is being followed by Lead Engineers in construction, safety and quality team
- Discuss with the Consultant and Client representative any concerns and technical issues with the project
- Review documents related to engineering, quality and HSES documents and other relevant documents prior to obtain approval by the Consultant and Client
- Monitor and implement the Quality System and HSES to both in-house and Subcontractors to ensure compliance of the Clients project requirements
- In-charge for the annual internal and external quality and HSES audit
- Support the Project Manager in the preparation of high level internal reports concerning the planned progress of works and budgets

**March 2001 to October 2002**  
Field Supervisor/Cost Engineer

**Santa Clara International Corporation**  
**Project:** Construction & Restoration of Caliraya-Botocan-Kalayaan Hydroelectric Power Plant  
**Client/Location:** National Power Corporation, Philippines

**Duties & Responsibilities:**

- Directly supervise the installation of rebars & concrete placement for construction of tail race channel, caliraya spillway, powerhouse, dam slope restoration, tunnel repair and restoration, saddle and anchor foundations for the 2.3-meter diameter penstock pipe
- Develop construction techniques if necessary to expedite the work schedules
- Discuss with the Construction Manager any site concerns and issues during the construction stages for early resolution
- Prepares daily/weekly progress report, work schedules, materials take-off in accordance with approved plans and specifications
- Prepares detailed calculations and supporting documents for the monthly progress report and progress billing and assist the Engineering Manager for obtaining approval of the Client if necessary
- Assist the Engineering & Contracts Managers for preparation of variation orders and overall work progress
- Assist the Engineering Manager for the preparation of work method statement, cost & quantity estimates, contractual & technical correspondence, and other relevant documents
- Attend meetings with the Client to discuss project concerns and technical issues

**September 1996 to March 2001**  
Field Engineer

**JV Angeles Construction Corporation**  
**Project:** Construction of (1) Umiray-Angat Transbasin Project, UATP-004(2) La-Mesa Magsaysay Aqueduct  
**Client/Location:** Metropolitan Waterworks and Sewerage System (MWSS), Philippines

**Duties & Responsibilities (Umiray-Angat Transbasin Project):**

- Directly supervise the excavation of rock foundation, rebar fabrication & installation and concrete placement for the construction of mini-hydro power plant, diversion channel, weirs, building offices
- Directly supervise the laying of boulders for the slope protection of diversion channel
- Responsible for the construction and maintenance of access roads
- Monitor day to day site activities and prepare daily accomplishment reports
- Develop construction techniques if necessary to expedite the work schedules
- Ensure that all necessary work force, equipment, and materials are provided to achieved the target completion of the work
- Prepares bar cutting schedule, shop drawings, weekly work schedule, and materials take-off in accordance with approved plans and specifications
- Coordinate and discuss with the Project Engineer and the client representative any site concerns and issues during the construction stages
- In-charge for the delivery, handling, storage and preservation of all construction materials using barges and choppers
- Witness the compressive strength testing of concrete specimen and review the results prior to submittal with the client

**Duties & Responsibilities (La-Mesa Magsaysay Aqueduct Project):**

- Directly supervise the excavation & backfilling of pipe trenches, demolition & restoration of road pavements, laying of 2.2-meter diameter main water pipeline, pipe jacking of road intersections
- Monitor day to daysite activities and prepare daily accomplishment reports
- Coordinate and discuss with the Project Engineer and the client representative any site concerns and issues during the construction stages
- Perform leakage test on welded pipe joints using Look Box and Holiday Test methods

**June 1995 to June 1996**

Junior Project Engineer

**AVECS Corporation**

**Project:** Construction of various Communication & Cell Sites Tower & Facility

**Client/Location:** Smart Communications, Inc., Philippines

**Duties & Responsibilities:**

- Responsible for the resource planning, scheduling, mobilization, budgeting, operational planning, and implementation of all civil and structural steel tower and ensure the projects are being delivered on schedules.
- Prepare work schedules and cost estimates for the project operational budget
- Directly supervise the foundation excavation, rebar installation, concrete placing, and installation of various 3-legged and 4-legged steel cell site tower and construction of ancillary buildings
- Develop construction techniques if necessary to expedite the work schedules
- Coordinate and discuss with the Project Engineer and the client representative any site concerns and issues during the construction stages
- Prepares daily/weekly progress report, bar cutting schedule, shop drawings, and materials take-off in accordance with approved plans and specifications
- Record and report accomplishment and performed office function as assign by the Project Manager

**OTHER PERSONAL INFORMATION DETAILS**

- Date/Place of Birth : July 23, 1972/Rosales, Pangasinan, Philippines
- Driving License : Saudi Arabia, Philippines & International Driving Permit

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